

ECWP DEVELOPMENTS 2020



Joshua Eaton

New and Improved!



Remote Access

Using All the Bandwidth

Hardware

3

Ethernet Connector: Bulgin 6000



VPN Router: StrideLinx SE-SL3001



What does this do?

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- Securely:
 - ▣ Access Winch Data
 - ▣ Program PLC and HMI
 - ▣ Advanced Troubleshooting
 - ▣ Program MRU
- Dangerous:
 - ▣ Drive the winch from shore

New Remotes

Ooh Shiny

-Or-

Sorry for the Moire

Old Remotes

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Heavy

Large

MASH Only



New Remotes

7



Light Weight

Compact

Compatible with MASH winches

Compatible with Gloria

New Features

Stop doing this!

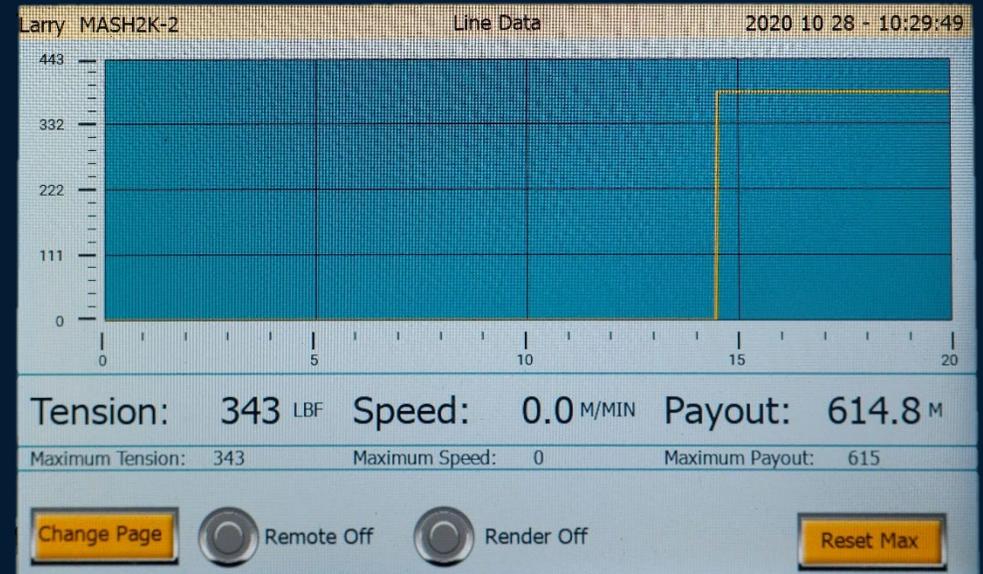
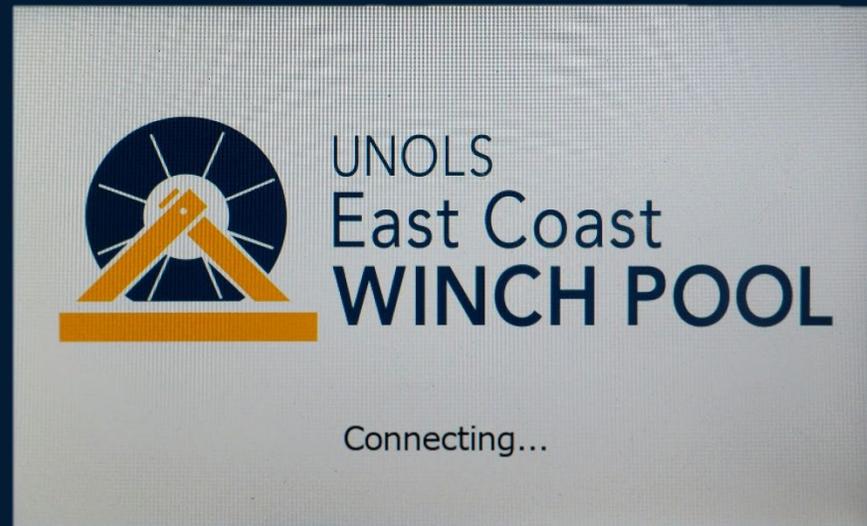
8



- ❑ Bad habit
- ❑ Safer method ahead

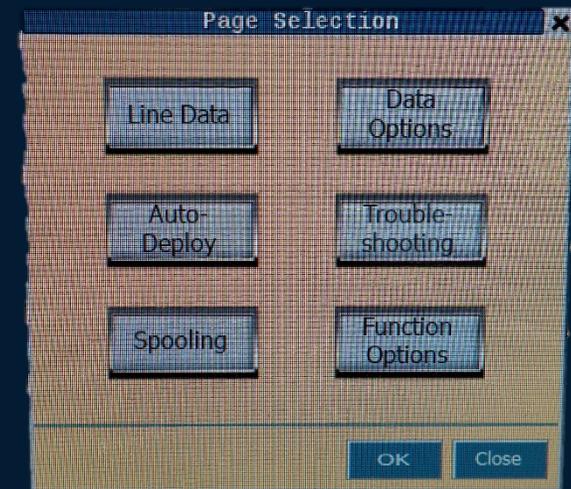
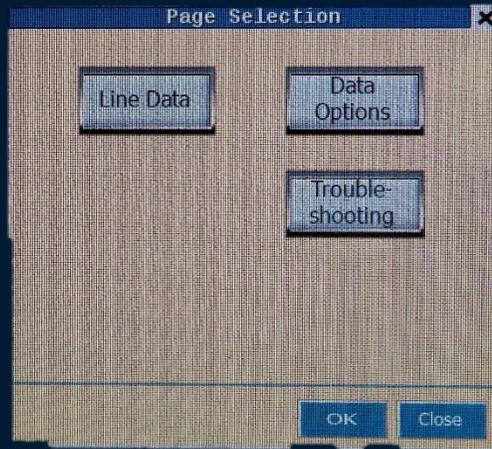
Start Up and Home Screen

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Page Selection

10



Data Options

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Larry MASH2K-2 Line Data Options 2020 10 28 - 10:30:28

Remote Zeroing Enabled 0

Auto-Deploy Enabled

Payout Compensation Enabled

Payout Compensation Percent of Raw Payout: 0

Raw Payout: 615 Corrected Payout: 0

Remote Off Render Off

Brightness

Larry MASH2K-2 Line Data Options 2020 10 28 - 10:31:55

Remote Zeroing Enabled 0

Auto-Deploy Enabled

Payout Compensation Enabled

Payout Compensation off on Percent of Raw Payout: 0

Raw Payout: 615 Corrected Payout: 0

Remote Off Render Off

Brightness

Trouble Shooting and Auto-Deploy

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Larry MASH2K-2 Troubleshooting 2020 10 28 - 10:30:14

Raw Line Data: \$WR,0343.008,00000000,0614.783,0,575325612,V4.2,0,0,0,2,0,10

Winch ID 2

Winch Name Larry MASH2K-2

Max Load 3500

HMI Version v4.3

Transmitter Ver V4.3

Receiver Ver V4.2

Render Setting 0

Com Error

Remote Access off on

Reconnect Panel

Change Page

Remote Off Render Off Manual Log In

Larry MASH2K-2 Auto-Deploy 2020 10 28 - 10:59:52

Activate Auto-Deploy

Target Payout **500**

Current Payout 615

Maximum Payout 1000

Tension: 343 LBF Speed: 0 M/MIN Payout: 615 M

Max Tension: 343 Max Speed: 0 Max Payout: 615

Change Page

Remote Off Render Off

Winch Speed

0



Live Demo

Where everything goes sideways

Questions

Where I avoid actually answering questions